

time. Direct comparison using 3 cultured clinical isolates indicates that this level of detection is equivalent to the commercially available p24 antigen capture assay and the HIV-RNA assay based on branched DNA signal amplification. Other retroviruses, such as HIV-2 and feline immunodeficiency virus (FIV), can also be detected in this format. This non-isotopic assay is easy to perform and could provide a convenient and quantitative method for HIV study by monitoring reverse transcriptase, an essential activity in the infection process.

=> d hist

(FILE 'HOME' ENTERED AT 18:42:13 ON 10 JAN 2007)

FILE 'CAPLUS, MEDLINE' ENTERED AT 18:42:40 ON 10 JAN 2007

```
L1      213 S (PRIMER) AND (CAPTURE OR DENDRIMER?) AND (MICROARRAY)
L2      77 S L1 AND (CDNA OR REVERSE(W)TRANSCRIBE? OR "RT")
L3      7 S L2 AND SIGNAL(W)AMPLIFICATION
L4      51 S L2 AND (SIGNAL? OR LABEL?)
L5      48 DUP REM L4 (3 DUPLICATES REMOVED)
L6      1 S L5 AND PY<=2000
L7     1682 S (PRIMER) AND (CAPTURE OR DENDRIMER?)
L8     425 S L7 AND (CDNA OR REVERSE(W)TRANSCRIBE? OR "RT")
L9      7 S L3 AND (SIGNAL(W)AMPLIFICATION?)
L10     7 S L3 AND (SIGNAL(W)AMPLIF?)
L11     7 DUP REM L10 (0 DUPLICATES REMOVED)
L12     12 S L8 AND (SIGNAL(W)AMPLIFICATION?)
L13     12 S L8 AND (SIGNAL?(W)AMPLIF?)
L14     11 DUP REM L13 (1 DUPLICATE REMOVED)
```

=> d hist full

(FILE 'HOME' ENTERED AT 18:42:13 ON 10 JAN 2007)

FILE 'CAPLUS, MEDLINE' ENTERED AT 18:42:40 ON 10 JAN 2007

```
L1      213 SEA ABB=ON PLU=ON (PRIMER) AND (CAPTURE OR DENDRIMER?) AND
      (MICROARRAY)
L2      77 SEA ABB=ON PLU=ON L1 AND (CDNA OR REVERSE(W) TRANSCRIBE? OR
      "RT")
L3      7 SEA ABB=ON PLU=ON L2 AND SIGNAL(W) AMPLIFICATION
L4      51 SEA ABB=ON PLU=ON L2 AND (SIGNAL? OR LABEL?)
L5      48 DUP REM L4 (3 DUPLICATES REMOVED)
L6      1 SEA ABB=ON PLU=ON L5 AND PY<=2000
      D L3 TI 1-7
      D L3 IBIB ABS 1-7
L7     1682 SEA ABB=ON PLU=ON (PRIMER) AND (CAPTURE OR DENDRIMER?)
L8     425 SEA ABB=ON PLU=ON L7 AND (CDNA OR REVERSE(W) TRANSCRIBE? OR
      "RT")
L9      7 SEA ABB=ON PLU=ON L3 AND (SIGNAL(W) AMPLIFICATION?)
L10     7 SEA ABB=ON PLU=ON L3 AND (SIGNAL(W) AMPLIF?)
L11     7 DUP REM L10 (0 DUPLICATES REMOVED)
L12     12 SEA ABB=ON PLU=ON L8 AND (SIGNAL(W) AMPLIFICATION?)
L13     12 SEA ABB=ON PLU=ON L8 AND (SIGNAL?(W) AMPLIF?)
L14     11 DUP REM L13 (1 DUPLICATE REMOVED)
      D L14 TI 1-11
      D L14 IBIB ABS 6,8-11
      D L13 TI 1-12
      D L5 TI 1-24
      D L6 IBIB ABS
      D L13 IBIB ABS 10-12
```

FILE HOME

FILE CAPLUS